

Claims:

1. (Currently amended) A golf club head comprising:

a recess having a polymer insert, said polymer insert being transparent, having a glossy and lustrous surface, and being composed of a thermoplastic transparent polymer material in a thickness of 2 to 25 mm ~~and having a gloss and lustrous surface,~~ said recess being formed in the striking plate of a putter head, the backside ~~bakeside~~ of an iron head or the crown of a wood head;

wherein said thermoplastic transparent polymer material is selected from the group consisting of polymethacrylate, polyacrylate, polycarbonate, polyethylene terephthalate, transparent polypropylene, transparent polyethylene, transparent polyvinyl chloride, transparent nylon, ~~thermoplastic polyurethane~~, and the mixtures thereof.

2. (Original) The golf club head according to claim 1 wherein said polymer insert has a pattern or logo under said polymer insert or inside said polymer insert.

3. (Currently amended) The golf club head according claim 1 wherein said thermoplastic transparent polymer material is selected from the group consisting of polymethacrylate, polyacrylate, polyethylene terephthalate, ~~thermoplastic polyurethane~~ and the mixtures thereof.

4. (Original) The golf club head according claim 1 wherein said thermoplastic

transparent polymer material is polymethyl methacrylate.

5. (Currently amended) The golf club head according to claim 1 wherein said golf club head is a putter head and said polymer insert is in a thickness of 2 to 12 mm, preferably 4 to 10 mm.

6. (Currently amended) The golf club head according to claim 1 wherein said golf club head is an iron head and said polymer insert is in a thickness of 4 to 22 mm, preferably 10 to 18 mm.

7. (Currently amended) The golf club head according to claim 1 wherein said golf club head is a wood head and said polymer insert is in a thickness of 10 to 25 mm, preferably 15 to 20 mm.

8-13. (canceled)

14. (New) The golf club head according to claim 1 wherein said polymer insert is made by a process comprising the steps of:

melting said thermoplastic transparent polymer into a polymer liquid,

pouring said polymer liquid onto a coarse area of said recess,

drying and hardening said polymer liquid, and

abrading and polishing the dried polymer.

15. (New) The golf club head according to claim 14 wherein the drying step is carried out in a vacuum state.

16. (New ) The golf club head according to claim 14 wherein a solvent is applied during the abrading step.

17. (New) The golf club head according to claim 14 wherein a solvent with a pressure is applied during the polishing step.